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As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

METHOD, APPARATUS, AND COMPUTER PROGRAM OF SEARCHING FOR CLUSTERING FAULTS IN SEMICONDUCTOR DEVICE MANUFACTURING

•		6	I PE VO			
the specification of	which is attached hereto;	or	DEC 1 1 2001			
on August 20,2001	tates application Serial Rand was amended (if applicable); or	vo. 09/931,916	THE TRAUGHT			
on	rnational application Numb and was amended (if applicable).	per	i.			
I hereby state that I specification, includ	have reviewed and understing the claims, as amended	tand the contents of t d by any amendment ref	the above-ide Terred to abo	ntified ove.		
I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.						
any foreign applicati PCT international app United States, listed for patent or invento	n priority benefits under on(s) for patent or inven lication(s) designating a below and have also iden r's certificate, or any P that of the application(s	tor's certificate or § t least one country of tified below, any fore CT international appla	\$ 365(a) of a ther than the eign applicat ication(s) ha	any e cion(s)		
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CI UNDER 35 U.			
Japan	P2000-249718	21/08/2000	X Yes	No		
Japan	P2001-65338	08/03/2001	X Yes	No		
	1		Yes	No		
·	1		Yes	No		
			Yes	No_		
			Yes	NoNo		

Page 1 of

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional

DATE OF FILING

application(s) listed below:

APPLICATION NUMBER

DECLARAT AND POWER OF ATTORNEY

Atty. Docket No.

ued)

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s), designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

APPLICATIONS		STATUS (Check one)		
	APPLICATION NUMBER	DATE OF FILING	PATENTED PENDING ABANDONED	
		1		

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith. FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Reg. No. 22,540; Douglas B. Henderson, Reg. No. 20,291; Ford F. Farabow, Jr., Reg. No. 20,630; Arthur S. Garrett, Reg. No. 20,338; Donald R. Dunner, Reg. No. 19,073; Brian G. Brunsvold, Reg. No. 22,593; Tipton D. Jennings, IV, Reg. No. 20,645; Jerry D. Voight, Reg. No. 23,020; Laurence R. Hefter, Reg. No. 20,827; Kenneth E. Payne, Reg. No. 23,098; Herbert H. Mintz, Reg. No. 26,691; C. Larry O'Rourke, Reg. No. 26,014 Albert J. Santorelli, Reg. No. 22,610; Michael C. Elmer, Reg. No. 25,857; Richard H. Smith, Reg. No. 20,609; Stephen L. Peterson, Reg. No. 26,325; John M. Romary, Reg. No. 26,331; Bruce C. Zotter, Reg. No. 27,680; Dennis P. O'Reilley, Reg. No. 27,932; Allen M. Sokal, Reg. No. 26,695; Robert D. Bajefsky, Reg. No. 25,387; Richard L. Stroup, Reg. No. 28,478; David W. Hill, Reg. No. 28,220; Thomas L. Irving, Reg. No. 28,619; Charles E. Lipsey, Reg. No. 28,165; Thomas W. Winland, Reg. No. 27,605; Basil J. Lewris, Reg. No. 28,818; Martin I. Fuchs, Reg. No. 28,508; E. Robert Yoches, Reg. No. 30,120; Barry W. Graham, Reg. No. 29,924; Susan Haberman Griffen, Reg. No. 30,907; Richard B. Racine, Reg. No. 30,415; Thomas H. Jenkins, Reg. No. 30,857; Robert E. Converse, Jr., Reg. No. 27,432; Clair X. Mullen, Jr., Reg. No. 20,348; Christopher P. Foley, Reg. No. 31,354; John C. Paul, Reg. No. 30,413; David M. Kelly, Reg. No. 30,953; Kenneth J. Meyers, Reg. No. 25,146; Carol P. Einaudi, Reg. No. 32,220; Walter Y. Boyd, Jr., Reg. No. 31,738; Steven M. Anzalone, Reg. No. 32,095; Jean B. Fordis, Reg. No. 32,984; Barbara C. McCurdy, Reg. No. 32,120; James K. Hammond, Reg. No. 31,964; Richard V. Burgujian, Reg. No. 31,744; J. Michael Jakes, Reg. No. 32,824; Thomas W. Banks, Reg. No. 32,719; M. Paul Barker, Reg. No. 32,013; Bryan C. Diner, Reg. No. 32,409; Christopher P. Isaac, Reg. No. 32,616; Andrew Chanho Sonu, Reg. No.33,457; Dirk D. Thomas, Reg. No. 32,600; David S. Forman, Reg. No. 33,694; Vincent P. Kovalick, Reg. No. 32,867; James W. Edmondson, Reg. No. 33,871; Michael R. McGurk, Reg. No. 32,045; Joann M. Neth, Reg. No. 36,363; Gerson S. Panitch, Reg. No. 33,751; Cheri M. Taylor, Reg. No. 33,216; Charles E. Van Horn, Reg. No. 40,266; and

Send Correspondence to:

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

1300 I Street, N.W.

Washington, D.C. 20005-3315

Direct Telephone Calls to:

Ernest F. Chapman
(202) 408-4000

Atty. Docket No.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

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FULL NAME OF FIRST INVENTOR	Kunihiro MITSUTAKE				
RESIDENCE &	CITY AND STATE OR CITY AND FOREIGN COUNTRY Kanagawa-ken, Japan	COUNTRY OF CITIZENSHIP Japan			
POST OFFICE ADDRESS	c/o Intellectual Property Division, Toshiba Corporation, 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan				
 FIRST INVENTO	DR'S SIGNATURE Kunihiro Mitautake	November 15,2001			
FULL NAME OF SECOND INVENTOR	Yukihiro USHIKU				
RESIDENCE &	CITY AND STATE OR CITY AND FOREIGN COUNTRY Kanagawa-ken, Japan	COUNTRY OF CITIZENSHIP Japan			
POST OFFICE ADDRESS	c/o Intellectual Property Division, Toshill 1-1, Shibaura 1-chome, Minato-ku, Tokyo,				
SECOND INVEN	TOR'S SIGNATURE Jukihiro Ushiku	DATE November 15,2001			
FULL NAME OF THIRD INVENTOR					
RESIDENCE & CITIZENSHIP	CITY AND STATE OR CITY AND FOREIGN COUNTRY	COUNTRY OF CITIZENSHIP 			
POST OFFICE ADDRESS					
THIRD INVENT	OR'S SIGNATURE	DATE			

Listing of Inventors Continued on attached page(s) /_/Yes /_/No